

CLAIMS

1. An imaging system, comprising:

a component configured to generate a scanned image preview from image data corresponding to an image, the scanned image preview representing the image in an electronic form;

an image region selection control configured for manipulation to select an image region of the scanned image preview to retain; and

the component further configured to emulate a final-scan of the image region to generate a final scanned image.

2. An imaging system as recited in claim 1, further comprising an imaging device configured to preview-scan the image and generate the image data.

3. An imaging system as recited in claim 1, wherein the component is a scanning software component.

4. An imaging system as recited in claim 1, wherein the component emulates the final-scan of the image region without a re-scan of the image.

5. An imaging system as recited in claim 1, wherein the component is further configured to emulate the final-scan of the image region by processing the image data corresponding to the image region.

6. An imaging system as recited in claim 1, wherein the component is further configured to interpolate the image data to improve a resolution of the image region.

7. An imaging system as recited in claim 1, wherein the component is further configured to emulate the final-scan of the image region by interpolating the image data corresponding to the image region to improve a resolution of the image region.

8. An imaging system as recited in claim 1, further comprising an image destination selection control configured for manipulation to select a destination location for the final scanned image.

9. An imaging system as recited in claim 1, further comprising an image destination selection control configured for manipulation to select a data storage component as a destination location for the final scanned image.

10. An imaging system as recited in claim 1, further comprising an image destination selection control configured for manipulation to select an image reproduction device as a destination location for the final scanned image.

11. An imaging system as recited in claim 1, further comprising an image region definition control configured for manipulation to define a classification of the image region.

12. An imaging system as recited in claim 1, further comprising an image region definition control configured for manipulation to define the image region as a photograph, and wherein the final scanned image is bit map data.

13. An imaging system as recited in claim 1, further comprising an image region definition control configured for manipulation to define the image region as text, and wherein the final scanned image is processed with an optical character recognition component to form text data.

14. An imaging system as recited in claim 1, further comprising an image region definition control configured for manipulation to define the image region as a graphic, and wherein the final scanned image is raster graphic data.

15. An imaging system as recited in claim 1, further comprising a user interface that includes the image region selection control and a viewing region to display the scanned image preview.

16. An imaging system as recited in claim 1, further comprising:
an image destination selection control configured for manipulation to select a destination location for the final scanned image; and
a user interface that includes the image region selection control, the image destination selection control, and a viewing region to display the scanned image preview.

17. An imaging system as recited in claim 1, further comprising:
an image region definition control configured for manipulation to define
a classification of the image region; and
a user interface that includes the image region selection control, the
image region destination control, and a viewing region to display the scanned
image preview

18. An imaging system as recited in claim 1, further comprising:
an image destination selection control configured for manipulation to
select a destination location for the final scanned image;
an image region definition control configured for manipulation to define
a classification of the image region; and
a user interface that includes the image region selection control, the
image destination selection control, the image region definition control, and a
viewing region to display the scanned image preview.

19. An automatic document feed scanning device, comprising:
a scanning unit configured to preview-scan an image and generate image
data;
a component configured to generate a scanned image preview from the
image data, the scanned image preview representing the image in an electronic
form;
an image region selection control configured for manipulation to select
an image region of the scanned image preview to retain; and
the component further configured to process the image region to
generate a final scanned image.

20. An automatic document feed scanning device as recited in claim 19, wherein the component emulates a final-scan to process the image region.

21. An automatic document feed scanning device as recited in claim 19, wherein the component emulates a final-scan to process the image region without a re-scan of the image.

22. An automatic document feed scanning device as recited in claim 19, wherein the component performs a virtual final-scan to process the image region.

23. An automatic document feed scanning device as recited in claim 19, wherein the component processes the image data corresponding to the image region to generate the final scanned image.

24. An automatic document feed scanning device as recited in claim 19, wherein, to process the image region, the component interpolates the image data corresponding to the image region to improve a resolution of the image region.

25. An automatic document feed scanning device as recited in claim 19, wherein, to process the image region, the component emulates a final-scan of the image region by interpolating the image data corresponding to the image region to improve a resolution of the image region.

26. An automatic document feed scanning device as recited in claim 19, further comprising an image destination selection control configured for manipulation to select a destination location for the final scanned image.

27. An automatic document feed scanning device as recited in claim 19, further comprising an image region definition control configured for manipulation to define a classification of the image region.

28. An automatic document feed scanning device as recited in claim 19, further comprising a user interface that includes the image region selection control and a viewing region to display the scanned image preview.

29. An automatic document feed scanning device as recited in claim 19, further comprising:

an image destination selection control configured for manipulation to select a destination location for the final scanned image; and

a user interface that includes the image region selection control, the image destination selection control, and a viewing region to display the scanned image preview.

30. An automatic document feed scanning device as recited in claim 19, further comprising:

an image region definition control configured for manipulation to define a classification of the image region; and

a user interface that includes the image region selection control, the image region destination control, and a viewing region to display the scanned image preview.

31. An automatic document feed scanning device as recited in claim 19, further comprising:

an image destination selection control configured for manipulation to select a destination location for the final scanned image;

an image region definition control configured for manipulation to define a classification of the image region; and

a user interface that includes the image region selection control, the image destination selection control, the image region definition control, and a viewing region to display the scanned image preview.

32. A method, comprising:

generating a scanned image preview from image data corresponding to an image;

defining an image region of the scanned image preview to retain; and

emulating a final-scan of the image region to generate a final scanned image.

33. A method as recited in claim 32, further comprising preview-scanning the image to generate the image data.

34. A method as recited in claim 32, wherein emulating includes emulating the final-scan of the image region without a re-scan of the image.

35. A method as recited in claim 32, wherein emulating includes processing the image data corresponding to the image region.

36. A method as recited in claim 32, wherein emulating includes interpolating the image data to improve a resolution of the image region.

37. A method as recited in claim 32, further comprising selecting a destination location for the final scanned image.

38. A method as recited in claim 32, further comprising selecting a data storage component as a destination location for the final scanned image.

39. A method as recited in claim 32, further comprising selecting an image reproduction device as a location for the final scanned image.

40. A method as recited in claim 32, further comprising defining a classification of the image region.

41. A method as recited in claim 32, further comprising defining the image region as a photograph, and generating the final scanned image as bit map data.

42. A method as recited in claim 32, further comprising defining the image region as text, and processing the final scanned image with an optical character recognition component to form text data.

43. A method as recited in claim 32, further comprising defining the image region as a graphic, and generating the final scanned image as raster graphic data.

44. One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to perform a method comprising virtually scanning image data corresponding to an image region of a scanned image preview to generate a final scanned image.

45. One or more computer-readable media comprising computer executable instructions that, when executed, direct an automatic document feed scanning device to perform a method comprising emulating a final-scan of an image region of a scanned image preview to generate a final scanned image by processing image data corresponding to the image region.

46. One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to perform a method comprising:

generating a scanned image preview from image data corresponding to an image; and

emulating a final-scan of an image region of the scanned image preview to generate a final scanned image.

47. One or more computer-readable media as recited in claim 46, wherein emulating includes interpolating the image data to improve a resolution of the image region.

48. One or more computer-readable media as recited in claim 46, wherein the method further comprises communicating the final scanned image to a destination location.

49. One or more computer-readable media as recited in claim 46, wherein the method further comprises communicating the final scanned image to a data storage component, and maintaining the final scanned image with the data storage component.

50. One or more computer-readable media comprising computer executable instructions that, when executed, direct an automatic document feed scanning device to perform a method comprising:

generating a scanned image preview from image data corresponding to an image; and

emulating a final-scan of an image region of the scanned image preview to generate a final scanned image.

51. One or more computer-readable media as recited in claim 50, wherein emulating includes interpolating the image data to improve a resolution of the image region.

52. One or more computer-readable media as recited in claim 50, wherein the method further comprises communicating the final scanned image to a destination location.

53. One or more computer-readable media as recited in claim 50, wherein the method further comprises communicating the final scanned image to a data storage component in the automatic document feed scanning device, and maintaining the final scanned image with the data storage component.

54. One or more computer-readable media as recited in claim 50, wherein the method further comprises communicating the final scanned image to an image reproduction device in the automatic document feed scanning device, and reproducing the final scanned image with the image reproduction device.